**Traits:** The trait is a type of class which enables multiple inheritance. Classes, case classes, objects, and traits can all extend no more than one class but can extend multiple traits at the same time.

<?php

 //class

class Fruit {

  public function sayhello() {

     echo "Apple";

  }

}

// Trait

trait Sweetfruit {

  public function sayfor() {

     echo " Simla Apple";

  }

}

class Sample extends Fruit {

   use Sweetfruit;

   public function sayto() {

      echo "\n kasmir apple";

  }

}

$test = new Sample();

$test->sayhello();

$test->sayfor();

$test->sayto();

?>

PHP Namespaces are the way of encapsulating items so that same names can be reused without name conflicts.

* It can be seen as an abstract concept in many places. It allows re-declaring the same functions/classes/interfaces/constant functions in the separate namespace without getting the fatal error.
* A namespace is a hierarchically labeled code block holding a regular PHP code.
* A namespace can contain valid PHP code.
* Namespace affects following types of code: classes (including abstracts and traits), interfaces, functions, and constants.
* Namespaces are declared using the namespace keyword.

<?php

namespace Html;

class Table {

public $title = "";

public $numRows = 0;

public function message() {

echo "<p>Table '{$this->title}' has {$this->numRows} rows.</p>";

}

}

$table = new Table();

$table->title = "My table";

$table->numRows = 5;

?>

<html>

<body>

<?php

$table->message();

?>

</body>

</html>